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SANITARY WATER BOARD

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CHIEF SANITARY ENGINEER
DEPARTMENT OF PUBLIC HEALTH

ADDRESS LETTERS TO:
STATE SANITARY WATER BOARD
SPRINGFIELD, ILLINOIS
62706

January 13, 1979

REFERENCE # 16
SITE NAME Bennett Landfill
SITE ID 1LD 980 680 045

BENNETT REFUSE DUMP -
(Will County - Rockdale)

Stream Pollution

Mr. Fred D. Bennett
Box 33
Channahon, Illinois 60410

Dear Mr. Bennett:

Engineer John C. McLane of our Chicago Office has reported on his November 13, 1968 inspection of the subject refuse disposal site and its pollution abatement facilities. You and Consulting Engineer Gerald Thompson were present during this inspection of pollution abatement progress.

Our Engineer's report indicates that you have installed three ponds in series to provide treatment of the contaminated water flowing from your property. While these ponds do greatly reduce the strength of the waste flow, the final effluent being discharged from these new facilities fails to comply with our effluent water quality standards. This conclusion is confirmed by results of laboratory analyses of samples collected by the engineer during the inspection. Analysis by our Chicago Branch Laboratory showed the following results:

Lab. No.	13798
pH	7.6
Bio-Chemical Oxygen Demand (BOD)	48 mg/l
Oxygen Demand Index (ODI)	72 mg/l
Chemical Oxygen Demand (COD)	175 mg/l
Total Suspended Solids (TSS)	52 mg/l
Volatile Suspended Solids (VSS)	10 mg/l
Chloride (Cl)	116 mg/l
Sodium (Na)	147 mg/l
Coliforms	2,200,000/100ml
Fecal Coliforms	7,500/100ml

Our current effluent quality criteria were outlined in our June 23, 1968 letter.

EPA Region 5 Records Ctr.



293466

Mr. Fred D. Bennitt
Channahon, Illinois 60410

January 13, 1970

We understand that most of the flow from your property originates upstream from your site and that this flow will be diverted away from your drainage area in the very near future. In view of this, we shall wait until this diversion is completed before a re-evaluation of your treatment facilities.

However, this water course will continue to be subject to surface runoff in wet weather and the pollution problem may still persist. We, therefore, call to your attention the four requirements stated in our June 23, 1969 letter.

Dry and wet weather flow measurements should be provided.

We request an immediate reply to this letter, presenting therein specific information as to what action has been and will be taken in order to comply with our recommendations and requirements.

If you should desire further information with respect to our comments, please contact the engineers in this office or in our Chicago Office at 1519 West Taylor Street (Phone: 341-7290).

Very truly yours,

ILLINOIS SANITARY WATER BOARD



C. W. Klassen
Technical Secretary

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- CC - SWB, Chicago
- Will County Health Department
- ✓ NERO
- IDPH - Bur. of General Sanitation
- Belling Engineering